Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S11 2	22320	group adj III	US-PGPUB; USPAT	OR	OFF	2006/09/14 08:06
S11 3	11136	group adj III and (mg magnesium)	US-PGPUB; USPAT	OR	OFF	2006/09/14 08:06
S11 4	2246	group adj III and (mg magnesium) and nitride and silicon	US-PGPUB; USPAT	OR	ON	2006/09/14 08:09
S11 5	31166	(algan aluminum adj gallium aj nitride group adj III) and (mg magnesium) and nitride and silicon	US-PGPUB; USPAT	OR	ON	2006/09/14 08:09
S11 6	36044	(algan aluminum adj gallium aj nitride group adj III) and (mg magnesium) and silicon	US-PGPUB; USPAT	OR	ON	2006/09/14 08:10
S11 7	7500	(algan aluminum adj gallium adj nitride gallium adj nitride gan group adj III) and (mg magnesium) and silicon	US-PGPUB; USPAT	OR	ON	2006/09/14 08:11
S11 8	529	(algan aluminum adj gallium adj nitride gallium adj nitride gan group adj III) and (mg magnesium) same acceptor and silicon	US-PGPUB; USPAT	OR	ON	2006/09/14 08:11
S11 9	184	(algan aluminum adj gallium adj nitride gallium adj nitride gan group adj III) and (mg magnesium) same acceptor and silicon same donor	US-PGPUB; USPAT	OR	ON	2006/09/14 08:14
S12 0	2	(algan aluminum adj gallium adj nitride gallium adj nitride gan group adj III) and (mg magnesium) same acceptor same intermedi\$ and silicon same donor	US-PGPUB; USPAT	OR	ON	2006/09/14 08:18
S12 1	62	(algan aluminum adj gallium adj nitride gallium adj nitride gan group adj III) and (mg magnesium) same acceptor same between and silicon same donor	US-PGPUB; USPAT	OR	ON	2006/09/14 08:30
S12 2	17	"059046"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/14 08:28
S12 3	575	(algan aluminum adj gallium adj nitride gallium adj nitride gan group adj III) and (mg magnesium) same intermediate	US-PGPUB; USPAT	OR	ON	2006/09/14 08:32

		EAST Scare				
S12 4	240115	("438"/\$.ccls. "257"/\$.ccls.)(algan aluminum adj gallium adj nitride gallium adj nitride gan group adj III) and (mg magnesium) same intermediate	US-PGPUB; USPAT	OR	ON	2006/09/14 19:21
S12 5	121	("438"/\$.ccls. "257"/\$.ccls.)and (algan aluminum adj gallium adj nitride gallium adj nitride gan group adj III) and (mg magnesium) same intermediate	US-PGPUB; USPAT	OR	ON	2006/09/14 08:32
S12 6	121	("438"/\$.ccls. "257"/\$.ccls.) and (algan aluminum adj gallium adj nitride gallium adj nitride gan group adj III) and (mg magnesium) same intermediate	US-PGPUB; USPAT	OR	ON	2006/09/14 08:45
S12 7	1162	("438"/\$.ccls. "257"/\$.ccls.) and (algan aluminum adj gallium adj nitride gallium adj nitride gan group adj III) and (mg magnesium si silicon) same intermediate	US-PGPUB; USPAT	OR	ON	2006/09/14 08:46
S12 8	804	("438"/\$.ccls. "257"/\$.ccls.) and (algan aluminum adj gallium adj nitride gallium adj nitride gan group adj III) and (mg magnesium si silicon) with intermediate	US-PGPUB; USPAT	OR	ON	2006/09/14 08:48
S12 9	758	("438"/\$.ccls. "257"/\$.ccls.) and (algan aluminum adj gallium adj nitride gallium adj nitride gan group adj III) and (si silicon) with intermediate	US-PGPUB; USPAT	OR	ON	2006/09/14 08:48
S13 0	28	("438"/\$.ccls. "257"/\$.ccls.) and (algan aluminum adj gallium adj nitride gallium adj nitride gan group adj III) and (si silicon) with intermediate same (mg magnesium)	US-PGPUB; USPAT	OR	ON	2006/09/14 09:55
S13 1	211	("438"/\$.ccls. "257"/\$.ccls.) and (algan aluminum adj gallium adj nitride gallium adj nitride gan group adj III) and hole with concentration same (mg magnesium)	US-PGPUB; USPAT	OR	ON	2006/09/14 08:58
S13 2	1091	("438"/\$.ccls. "257"/\$.ccls.) and (algan aluminum adj gallium adj nitride gallium adj adj III) and (si silicon) with layer with barrier	US-PGPUB; USPAT	OR	ON	2006/09/14 09:57
S13 3	231	("438"/\$.ccls. "257"/\$.ccls.) and (algan aluminum adj gallium adj nitride gallium adj nitride gan group adj III) and (si silicon) with layer with barrier same (mg magnesium)	US-PGPUB; USPAT	OR	ON	2006/09/14 10:01

S13	162	("438"/\$.ccls. "257"/\$.ccls.) and	US-PGPUB;	OR	ON	2006/09/14 10:04
4		(algan aluminum adj gallium adj nitride gallium adj nitride gan group adj III) and (si silicon) with barrier with (mg magnesium)	USPAT			
S13 5	603	("438"/\$.ccls. "257"/\$.ccls.) and (algan aluminum adj gallium adj nitride gallium adj nitride gan group adj III) and cladding same contact same p same (si silicon)	US-PGPUB; USPAT	OR	ON	2006/09/14 10:06
S13 6	531	("438"/\$.ccls. "257"/\$.ccls.) and (algan aluminum adj gallium adj nitride gallium adj nitride gan group adj III) and cladding with p same contact with p same (si silicon)	US-PGPUB; USPAT	OR	ON	2006/09/14 10:08
S13 7	87	("438"/\$.ccls. "257"/\$.ccls.) and (algan aluminum adj gallium adj nitride gallium adj nitride gan group adj III) and cladding with p same contact with p same (si silicon) with (intermediate barrier)	US-PGPUB; USPAT	OR	ON	2006/09/14 13:56
S13 8	249	("438"/\$.ccls. "257"/\$.ccls.) and (algan aluminum adj gallium adj nitride gallium adj nitride gan group adj III) and cladding with p same contact with p same (si silicon) with (intermediate barrier buffer)	US-PGPUB; USPAT	OR	ON	2006/09/14 14:10
S13 9	217	("438"/\$.ccls. "257"/\$.ccls.) and (algan aluminum adj gallium adj nitride gallium adj nitride gan group adj III) and cladding with p same contact with p same (si silicon) with (intermediate barrier buffer) with (cladding contact)	US-PGPUB; USPAT	OR	ON	2006/09/14 12:46
S14 0	170	("438"/\$.ccls. "257"/\$.ccls.) and (algan aluminum adj gallium adj nitride gallium adj nitride gan group adj III) and cladding with p same contact with p same (si silicon) with (intermediate barrier buffer) with (cladding with contact)	US-PGPUB; USPAT	OR	ON	2006/09/14 13:20
S14 1	0	("438"/\$.ccls. "257"/\$.ccls.) and (algan aluminum adj gallium adj nitride gallium adj nitride gan group adj III) and cladding with p same contact with p same (si silicon) with (intermediate barrier buffer) with (compens\$)	US-PGPUB; USPAT	OR	ON	2006/09/14 13:25

S14 2	8	("438"/\$.ccls. "257"/\$.ccls.) and (algan aluminum adj gallium adj nitride gallium adj nitride gan group adj III) and cladding with p same contact with p same (intermediate barrier buffer) with (compens\$)	US-PGPUB; USPAT	OR	ON	2006/09/14 14:09
514 3	249	("438"/\$.ccls. "257"/\$.ccls.) and (algan aluminum adj gallium adj nitride gallium adj nitride gan group adj III) and cladding with p same contact with p same (intermediate barrier buffer) with (si silicon)	US-PGPUB; USPAT	OR	ON	2006/09/14 13:38
S14 4	9	("438"/\$.ccls. "257"/\$.ccls.) and (algan aluminum adj gallium adj nitride gallium adj nitride gan group adj III) and compensat\$ with barrier with (si silicon)	US-PGPUB; USPAT	OR	ON	2006/09/14 13:33
S14 5	830	("438"/\$.ccls. "257"/\$.ccls.) and (algan aluminum adj gallium adj nitride gallium adj nitride gan group adj III) and cladding with p same contact with p same (intermediate barrier buffer)	US-PGPUB; USPAT	OR	ON	2006/09/14 13:39
S14 6	333	("438"/\$.ccls. "257"/\$.ccls.) and (algan aluminum adj gallium adj nitride gallium adj nitride gan group adj III) and cladding with p same contact with p same (si silicon) with (doped dopant dope) with layer	US-PGPUB; USPAT	OR	ON	2006/09/14 13:41
S14 7	2	US-5945689-\$.DID. OR US-62884161-\$.DID. OR US-6620643-\$.DID.	US-PGPUB; USPAT	OR	ON	2006/09/14 13:41
S14 8	0	("438"/\$.ccls. "257"/\$.ccls.) and compensated with intermediate with cladding with contact	US-PGPUB; USPAT	OR	ON	2006/09/14 13:57
S14 9	1	("438"/\$.ccls. "257"/\$.ccls.) and compensated with intermediate same intermediate with cladding with contact	US-PGPUB; USPAT	OR	ON	2006/09/14 13:58
S15 0	235	("438"/\$.ccls. "257"/\$.ccls.) and undopedwith intermediate same intermediate with cladding with contact	US-PGPUB; USPAT	OR	ON	2006/09/14 13:58
S15 1	14	("438"/\$.ccls. "257"/\$.ccls.) and undoped with intermediate same intermediate with cladding with contact	US-PGPUB; USPAT	OR	ON	2006/09/14 14:06
S15 2	1	("2002/0104997").URPN.	USPAT	OR	OFF	2006/09/14 14:02

				y***		
S15 3	1	("438"/\$.ccls. "257"/\$.ccls.) and donor with intermediate same intermediate with cladding with contact	US-PGPUB; USPAT	OR	ON	2006/09/14 14:07
S15 4	431	("438"/\$.ccls. "257"/\$.ccls.) and (algan aluminum adj gallium adj nitride gallium adj nitride gan group adj III) and cladding same contact and current with block\$4	US-PGPUB; USPAT	OR	ON	2006/09/14 14:11
S15 5	243	("438"/\$.ccls. "257"/\$.ccls.) and (algan aluminum adj gallium adj nitride gallium adj nitride gan group adj III) and cladding same contact same current with block\$4	US-PGPUB; USPAT	OR	ON	2006/09/14 14:12
S15 6	4	("438"/\$.ccls. "257"/\$.ccls.) and (algan aluminum adj gallium adj nitride gallium adj nitride gan group adj III) and cladding same contact same current with block\$4 same intermediate	US-PGPUB; USPAT	OR	ON	2006/09/14 14:13
S15 7	10	("5821555" "5889295").PN. OR ("6064079").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/14 14:14
S15 8	25	("5182670" "5290393" "5393993" "5656832" "5874747" "5880486" "5900647" "5903017" "5929466" "5945689" "5953581" "5959307" "5970080").PN. OR ("6242764"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/14 14:50
S15 9	6	("5684309" "5777350" "5874747").PN. OR ("6620643"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/14 17:23
-S16 0	1032	(co cobalt) same (au gold) same (contact electrode) and (va vanadium) same (au gold) same (al aluminum) same (contact electrode)	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/14 17:25
S16 1	73	(co cobalt) same (au gold) same (contact electrode) and (va vanadium) same (au gold) same (al aluminum) same (contact electrode) and (mqw quantum adj well)	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/14 17:27

Page 5